

ABSTRACT

In an electrically assisted cycle, a rotor shaft (61a) of an electric generator/motor (61) is connected to a transmitting device (M) mounted between a crankshaft (17) and a rear wheel (10r); a clutch (46) is incorporated in a transmitting path between the electric generator/motor (61) and the rear wheel (10r) to enable the transmitting path to be opened or closed as desired; and a mode switchover means (91, 92, 99) is mounted, which is capable of being switched over, as desired, between an electrically assisting mode in which a power is generated in the electric generator/motor (61) and a charging mode in which an electric power generated in the electric generator/motor (61) due to a back load to the rotor shaft (61a) is charged in the battery (90). Thus, if the mode switchover means is switched over to the charging mode in a disconnected state of the clutch (46), the training for promoting the physical strength can be conducted with the cycle remaining disposed in a fixed position, while conducting the charging of the battery (90) from the electric generator/motor (61). Namely, it is possible to provide the electrically assisted cycle having a physical strength promoting function, which can be used not only for the nimble movement of a rider, but also as a fixed-position type training machine for providing the promotion of the physical strength of the rider by applying a load to pedals in a stopped state of the cycle.